

Rolando Rodriguez

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📍 La Vega, Dominican Republic

Work Experience

Barrick Gold Pueblo Viejo Mine, Cotui Dom. Rep.

08/2018 ~ Now Senior Metallurgist
07/2015 ~ 08/2018 Metallurgist
11/2012 ~ 06/2015 Metallurgy Technician

Managed production forecast and modeling for a million ounce per annum gold mine. Ran laboratory testing to troubleshoot gold and silver recovery to reduce variance to forecasts. Developed a gold recovery model based on gold grade and carbon content. Implemented an APC (Advanced Process Controller) on a SAG mill to increase tonnage by 4%, contributing to adding value by \$40k per day on average. Installed and commissioned flocculant slicer unit to sustain tonnages over 1300 tph in the grinding circuit.

Rowe Laboratories, Santo Domingo Rep. Dom

11/2011 ~ 11/2012 Project Engineer

Designed layouts for a pharmaceutical laboratory. Managed project to install and commission a dry powder mixer and an HDGC fluid bed granulator, with the goal of increasing production capacity by 15%.

Hanes Brands – Dos Rios Textiles, Bonao Rep. Dom

08/2009 ~ 07/2010 Bleach & Dye process technician
05/2009 ~ 08/2009 Cutting Engineering Intern

Implemented SMED in the BRB cutters section of the plant, contributing to reduce the non-productive time by 10%. Developed new styles for the plant, from laboratory trials to full production to a 1000 lbs. batches. Trained technicians to use a standard procedure for color adjustments for batches using colorimeter readings.

Education

2018-Now **Brigham Young University - Idaho, Rexburg ID**
AS Computer Programming

2010-2011 **Rochester Institute of Technology, Rochester NY**
MS in Manufacturing & Mech. Systems Integration

2005-2009 **Univ. Catolica Tecnologica Del Cibao, La Vega DR**
BS Industrial Engineering

Other qualifications

- ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007 Internal Auditor. **Quality Global**

Personal Skills

Creative
Data driven
Detail oriented
Fast learner
Multitasking
Self-driven

Skills

Cloud computing: AWS,
Digital Ocean

Databases: SQLServer,
MySQL, Oracle, MongoDB

Programming: C++, Java,
JavaScript, PHP, Python,
Visual Basic

PLCs: Allen Bradley

Scientific Computing: R,
Minitab, Matlab/Octave,
LabVIEW

Languages

English: Advanced
Spanish: Native

Awards

Youth Academic Award
Santiago Dom. Rep. – 01/2009